

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113023\
 Data File : VX039069.D
 Acq On : 30 Nov 2023 15:36
 Operator : JC/MD
 Sample : 05585-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Dec 01 01:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

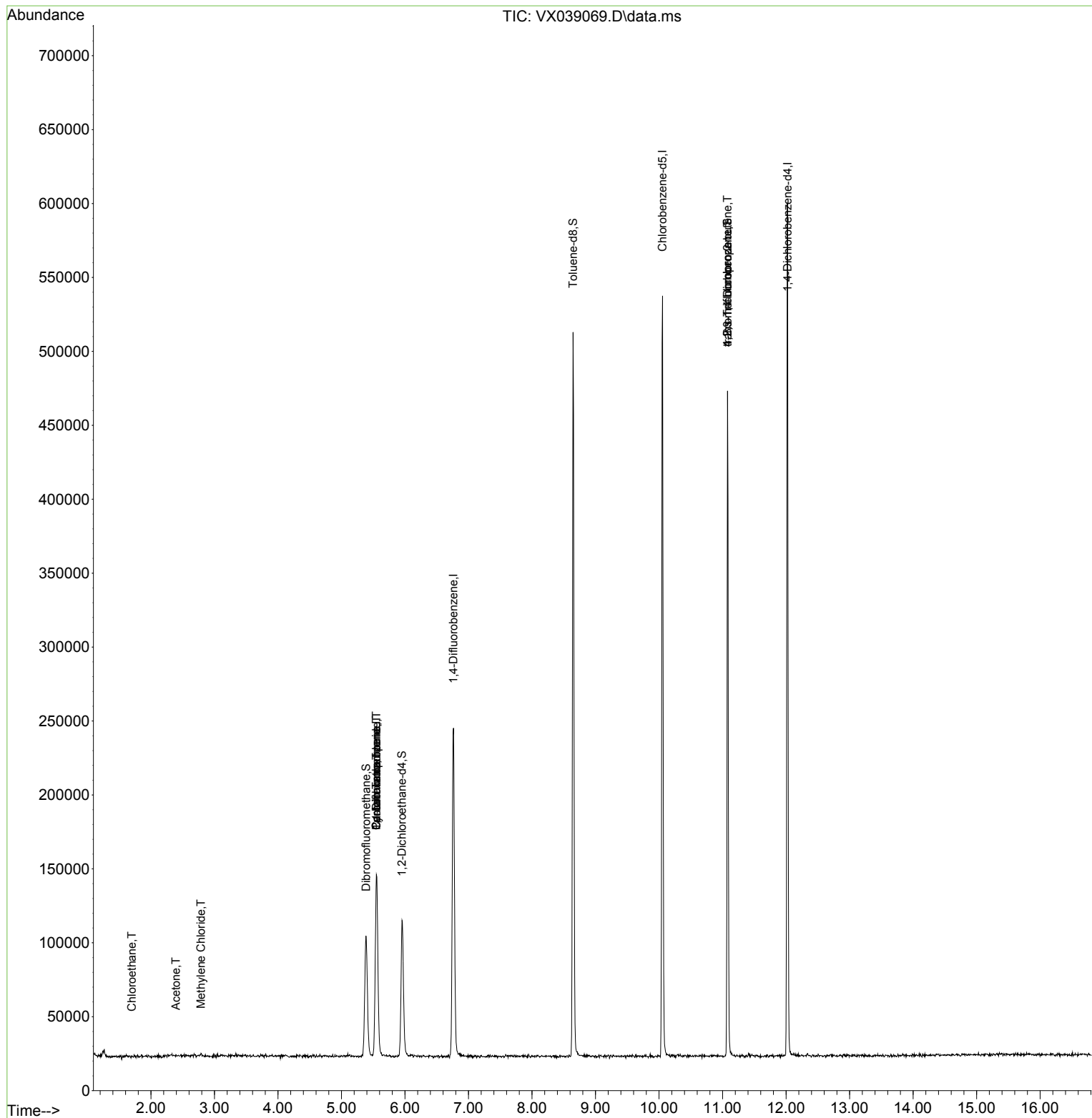
Internal Standards						
1) Pentafluorobenzene	5.550	168	112463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87373	48.215	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.420%
35) Dibromofluoromethane	5.385	113	73909	44.668	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.340%
50) Toluene-d8	8.647	98	288625	45.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.180%#
62) 4-Bromofluorobenzene	11.079	95	124561	49.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.300%
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	241	0.256	ug/l #	43
16) Acetone	2.392	43	469	0.486	ug/l #	47
20) Methylene Chloride	2.788	84	714	0.411	ug/l #	80
31) Cyclohexane	5.550	56	2872	1.110	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10354	4.366	ug/l #	47
38) Carbon Tetrachloride	5.550	117	12722	5.804	ug/l #	13
76) 1,2,3-Trichloropropane	11.079	75	65258	21.798	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	65258	48.349	ug/l #	5

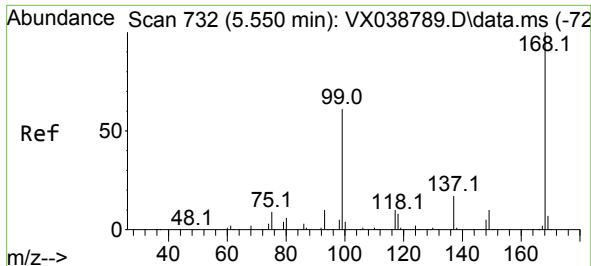
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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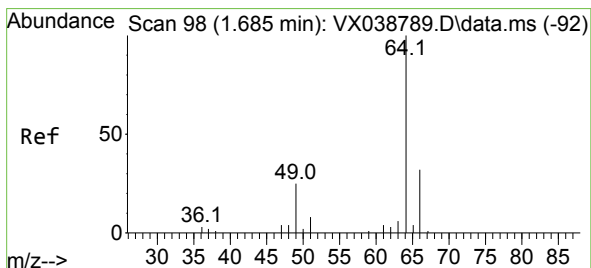
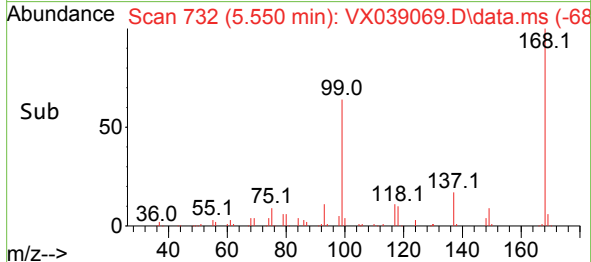
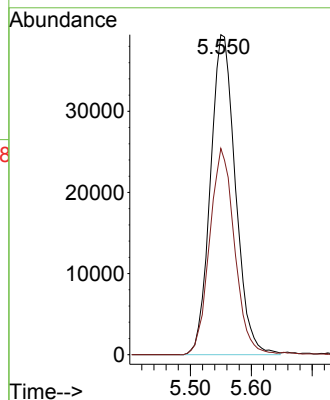
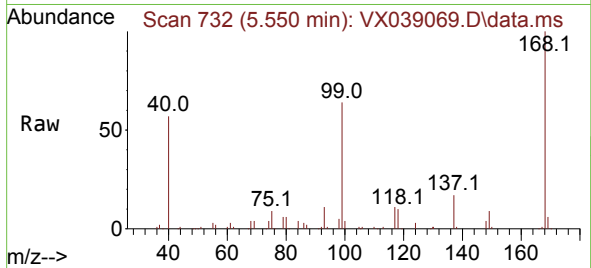




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

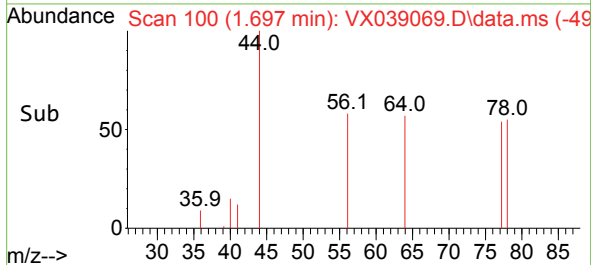
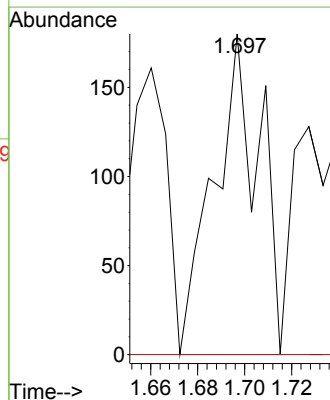
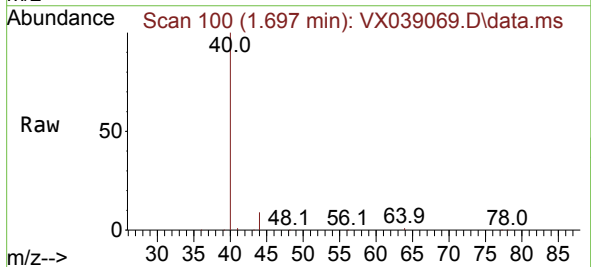
Instrument :
MSVOA_X
ClientSampleId :
TB

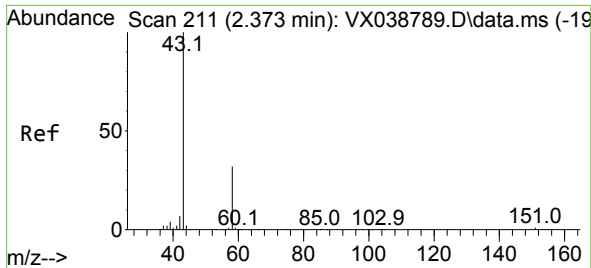
Tgt Ion:168 Resp: 112463
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#6
Chloroethane
Concen: 0.256 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

Tgt Ion: 64 Resp: 241
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

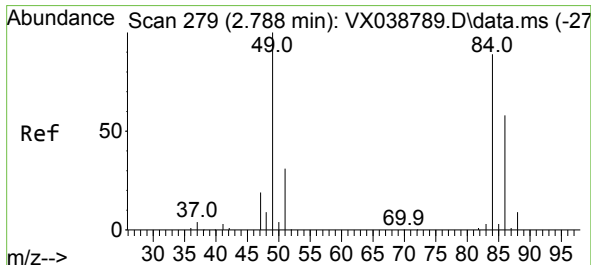
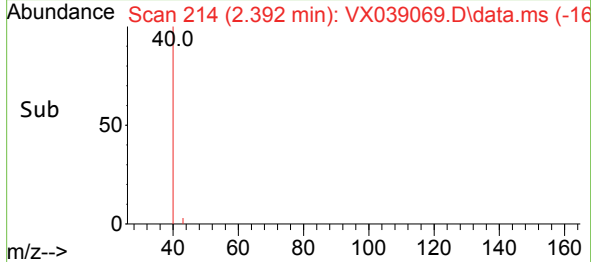
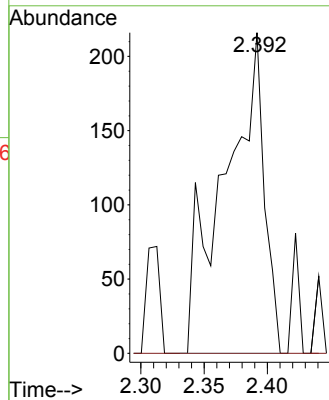
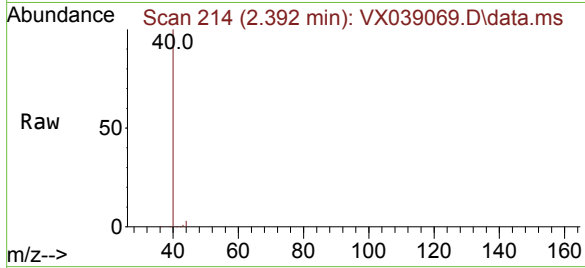




#16
Acetone
Concen: 0.486 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

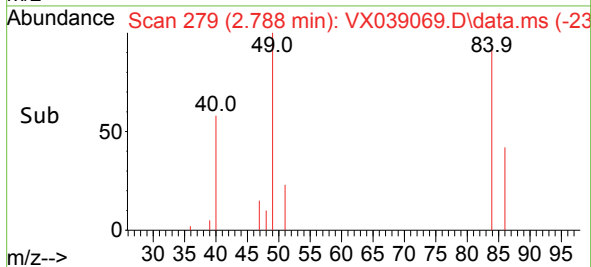
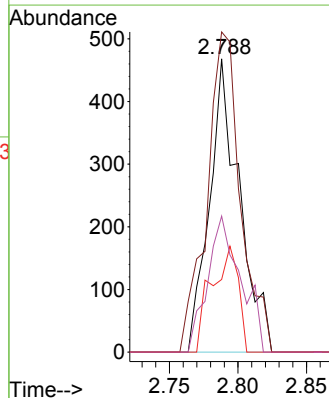
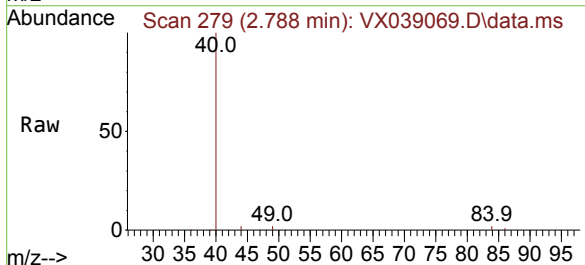
Instrument :
MSVOA_X
ClientSampleId :
TB

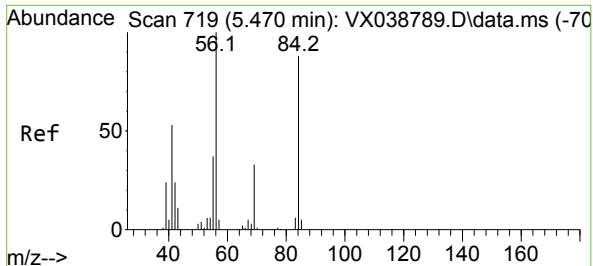
Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

Tgt Ion: 84 Resp: 714
Ion Ratio Lower Upper
84 100
49 109.2 103.6 155.4
51 24.8 33.8 50.6#
86 46.4 49.4 74.0#

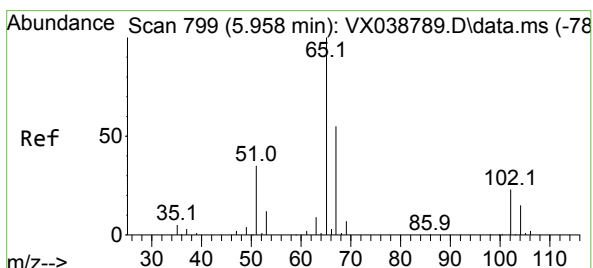
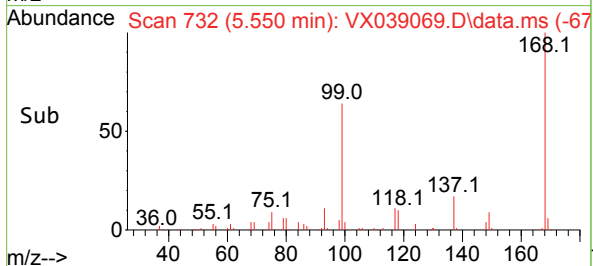
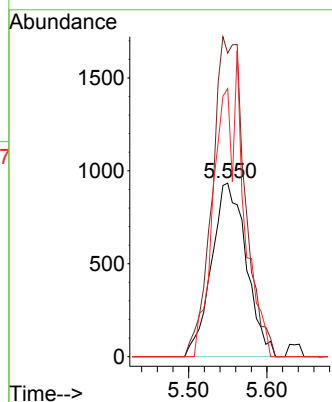
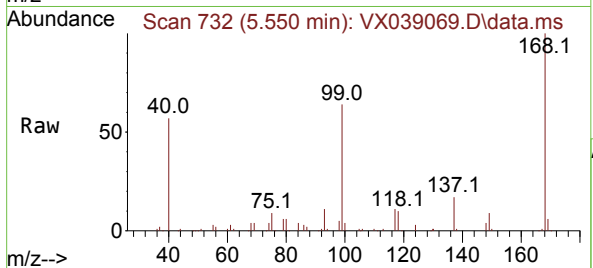




#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

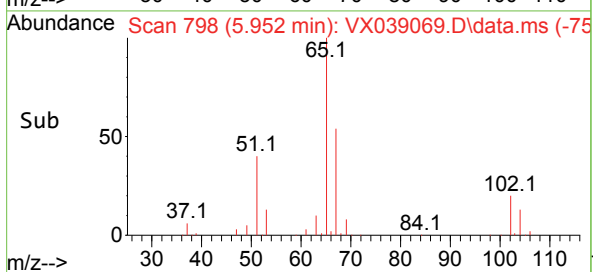
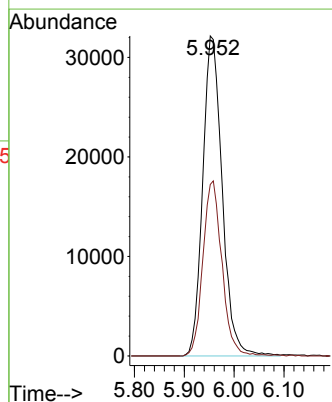
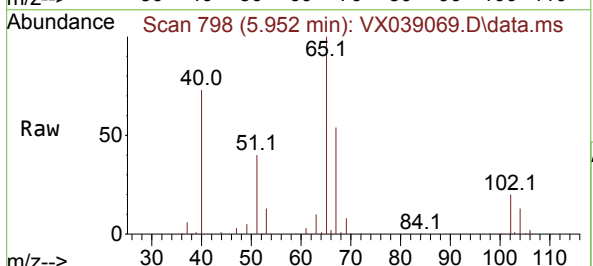
Instrument :
MSVOA_X
ClientSampleId :
TB

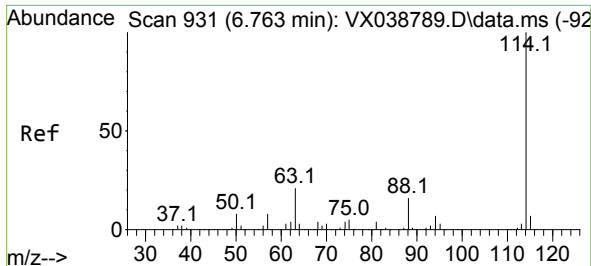
Tgt Ion: 56 Resp: 2872
Ion Ratio Lower Upper
56 100
69 174.8 23.4 35.2#
84 154.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.215 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

Tgt Ion: 65 Resp: 87373
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2

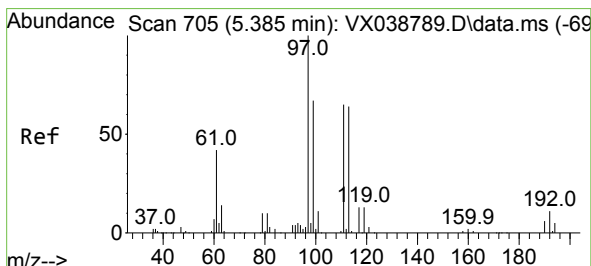
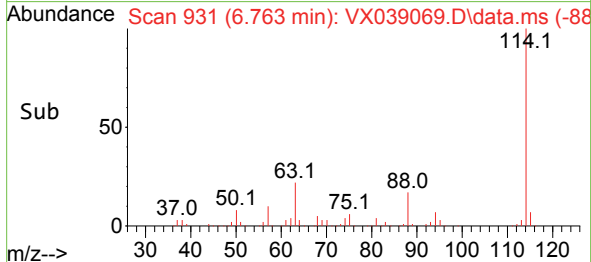
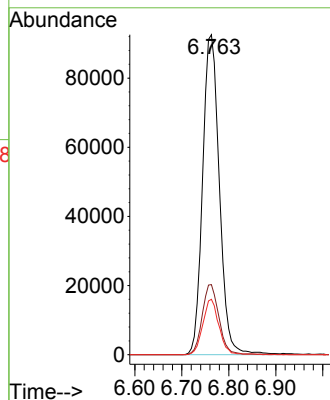
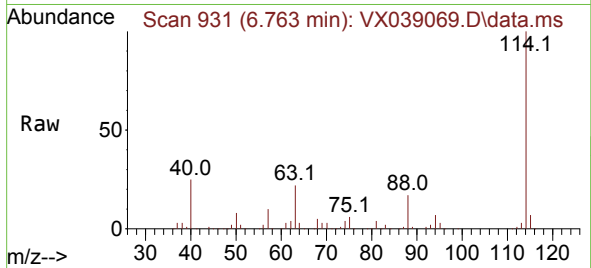




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

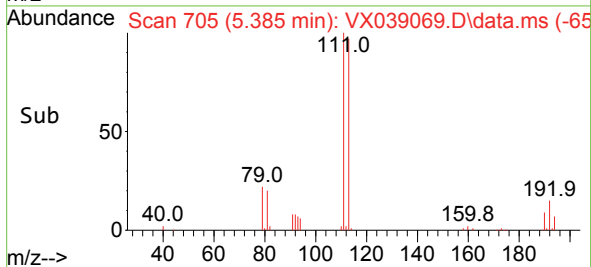
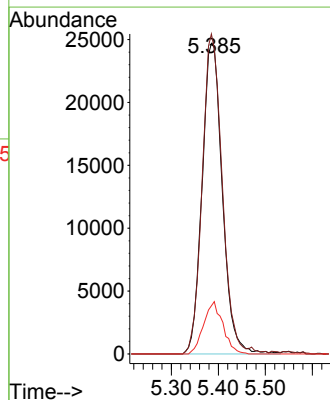
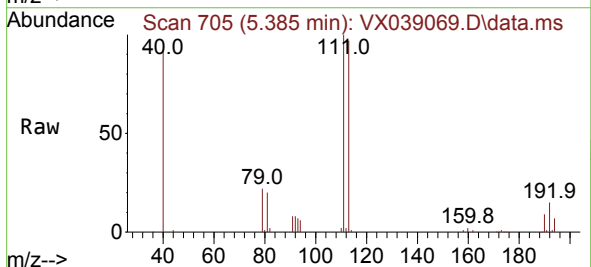
Instrument :
MSVOA_X
ClientSampleId :
TB

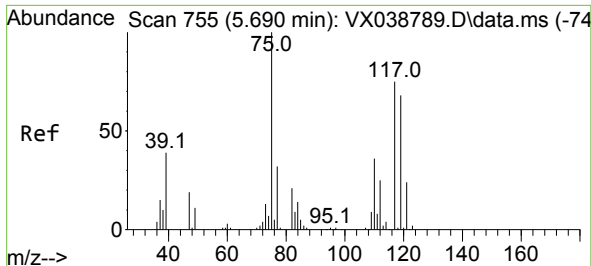
Tgt Ion:114 Resp: 229100
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.668 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

Tgt Ion:113 Resp: 73909
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 16.1 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.366 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX039069.D

Acq: 30 Nov 2023 15:36

Instrument :

MSVOA_X

ClientSampleId :

TB

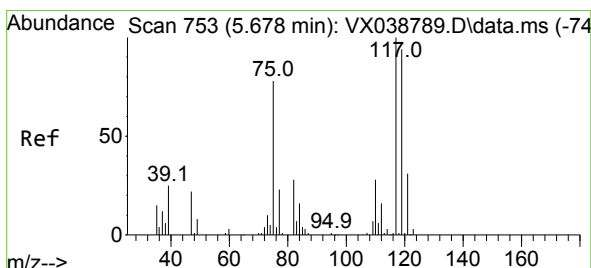
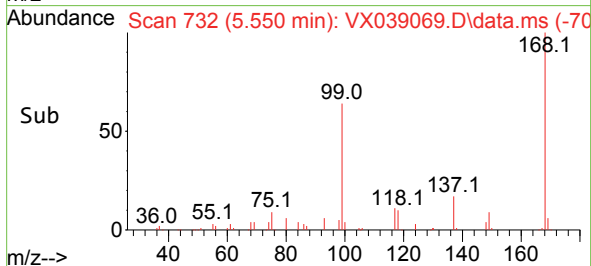
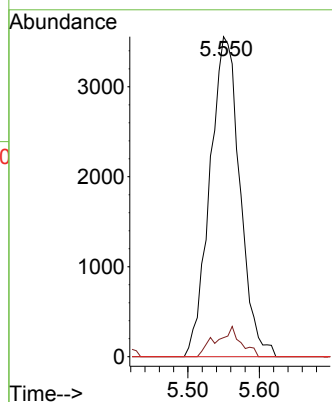
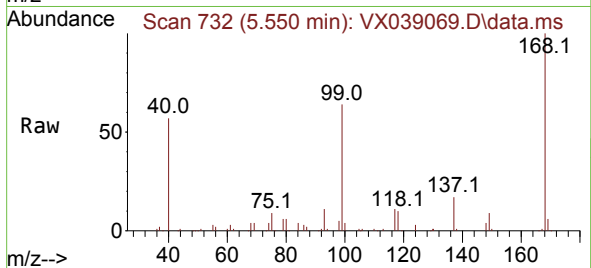
Tgt Ion: 75 Resp: 10354

Ion Ratio Lower Upper

75 100

110 5.0 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.804 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX039069.D

Acq: 30 Nov 2023 15:36

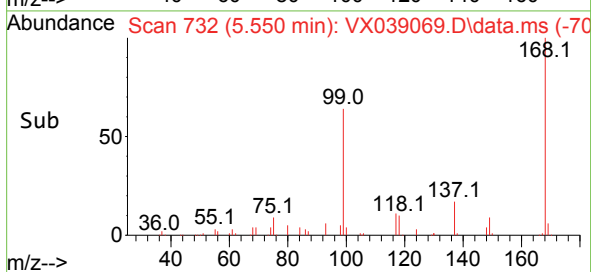
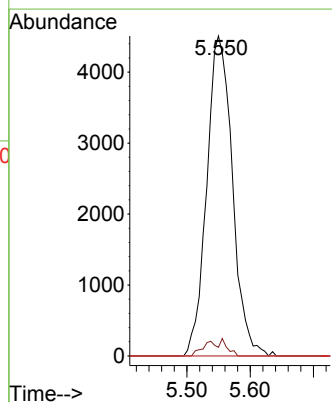
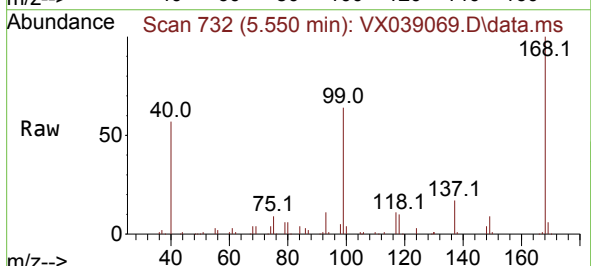
Tgt Ion: 117 Resp: 12722

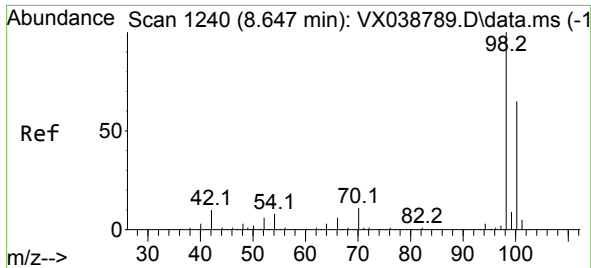
Ion Ratio Lower Upper

117 100

119 2.7 78.2 117.2#

121 0.0 24.4 36.6#

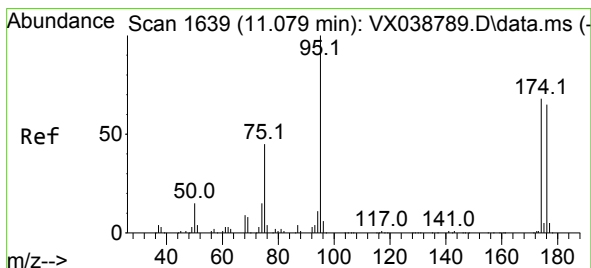
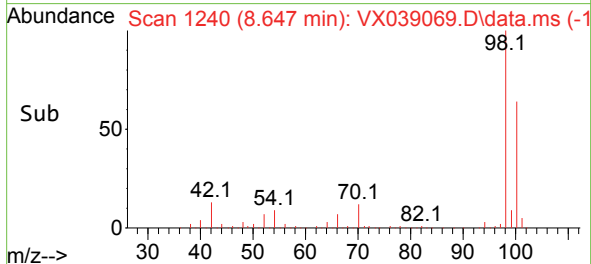
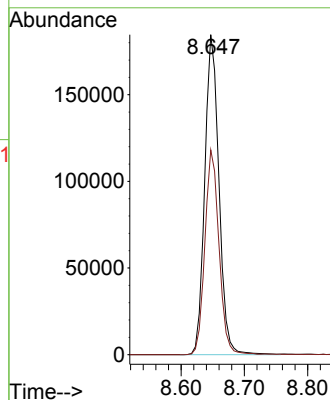
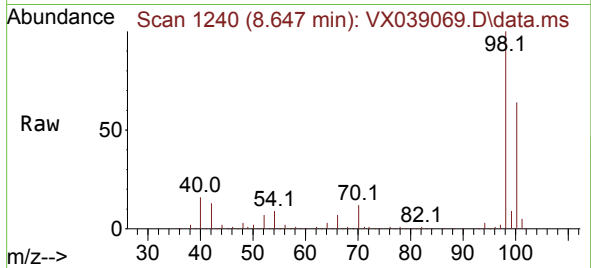




#50
Toluene-d8
Concen: 45.592 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

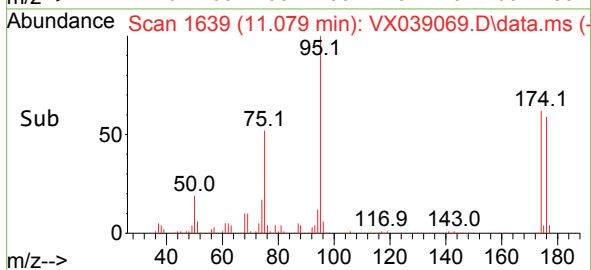
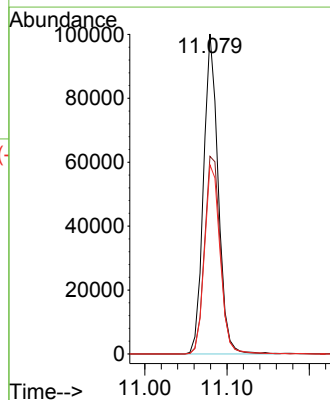
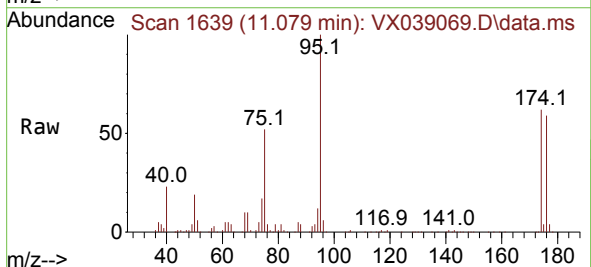
Instrument :
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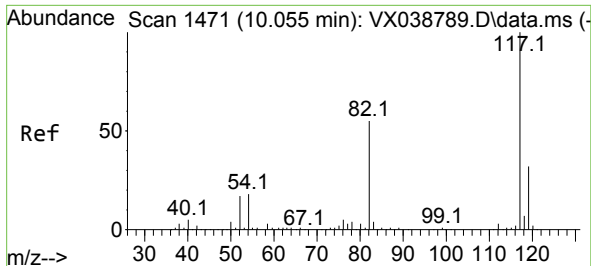
Tgt Ion: 98 Resp: 288625
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.152 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

Tgt Ion: 95 Resp: 124561
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 63.0 0.0 131.0

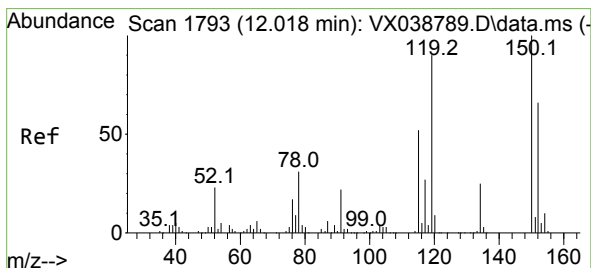
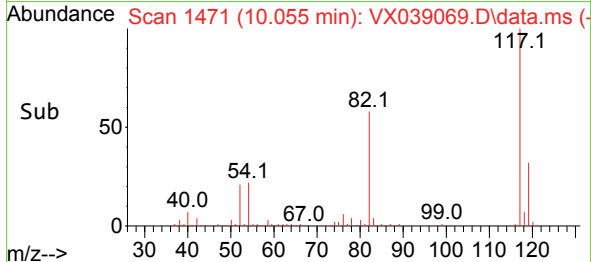
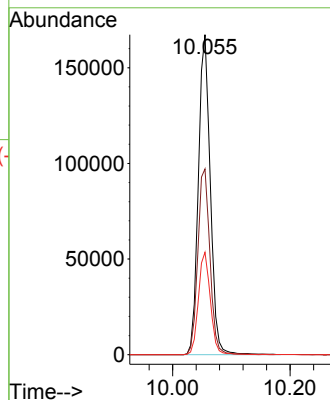
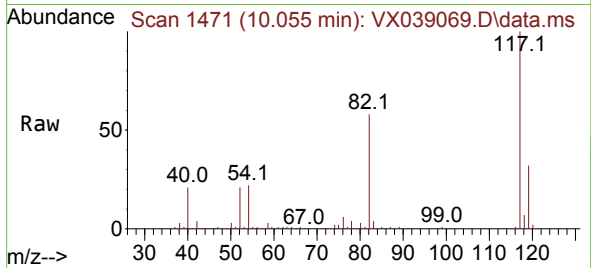




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

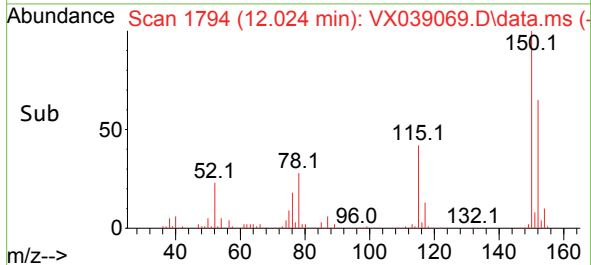
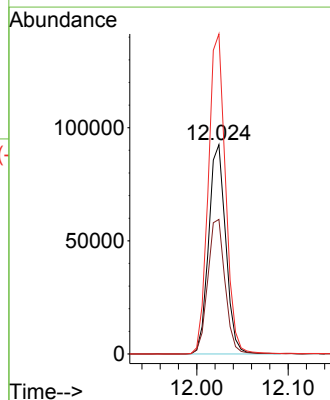
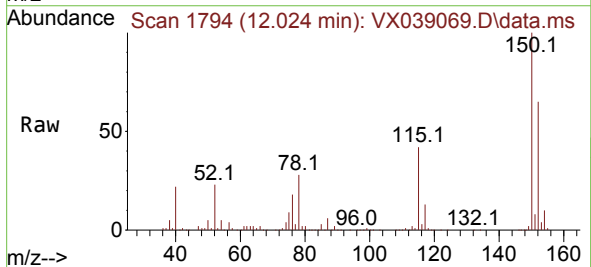
Instrument :
MSVOA_X
ClientSampleId :
TB

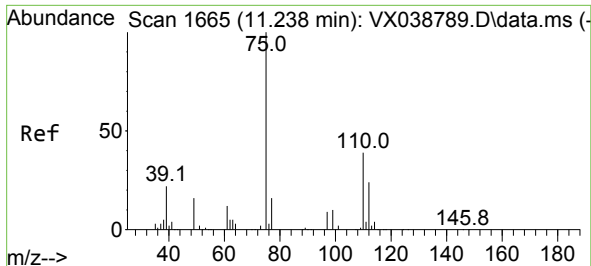
Tgt Ion:117 Resp: 236209
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

Tgt Ion:152 Resp: 119993
Ion Ratio Lower Upper
152 100
115 65.2 43.3 129.9
150 154.0 0.0 345.0

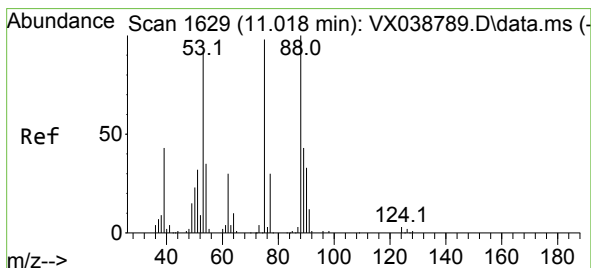
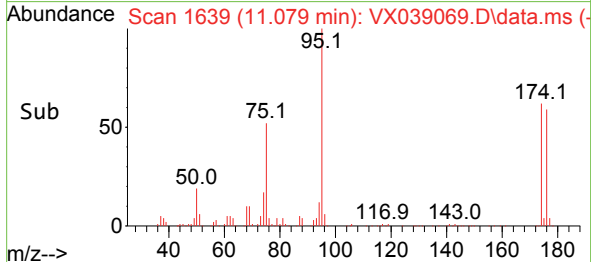
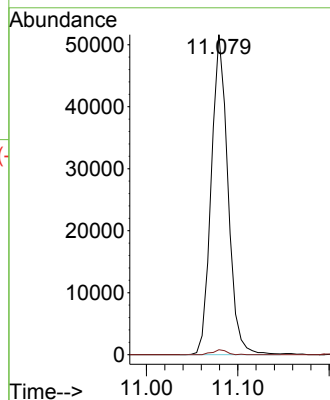
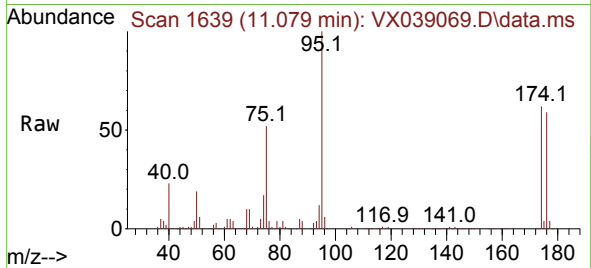




#76
1,2,3-Trichloropropane
Concen: 21.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 65258
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 48.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039069.D
Acq: 30 Nov 2023 15:36

Tgt Ion: 75 Resp: 65258
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

